

The Knowledge Bank at The Ohio State University

Ohio State Engineer

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Engineers' Day

By Leland Roy

It's a far cry from that Engineers' Day 13 years ago when exhibits were shown in a chatauqua tent at the south end of the Quadrangle, to the elaborate preparations made for this year's Engineers' Day.

Dean Hitchcock came to Ohio State University in 1920 and was instrumental in initiating Engineers' Day on the campus, the first of which was held in 1921. Another day of exhibits was held the following year, but it was decided then to hold the celebrations biennially.

In 1924 a day of Departmental Exhibits was brought to a close by an Engineers' Dance.

From 1926 on elaborate preparations have been made for Engineers' Day, including Departmental Exhibits and demonstrations, exhibits by industrial concerns, parades featuring fraternity and student society floats, and dances.

Most departments of the engineering college have held open house, showing exhibits and demonstrations of the departmental work, and exhibits of industrial concerns.

Most spectacular of all events on Engineers' Day programs has been the parade of floats around the oval, led by a university band. The trophy for the winning float in 1932 was won by the freshmen engineers with their representation of the first year man's struggle with his studies.

A gala Engineers' Dance of recent years concluded the festivities. Texnikoi, senior engineering honorary, has linked its new members at the dance, and a trophy has been awarded to the department sponsoring the most interesting exhibit and to the organization entering the winning float.

This Year's Plans

A parade of 15 floats, led by the military band, exhibits and demonstrations by all engineering departments, exhibits by industrial concerns, and an Engineers' Dance will feature the biennial celebration of Engineers' Day, Friday, May 11th, and Saturday, May 12th.

The program will start at 10 o'clock Friday morning, when open house exhibits will be held by all engineering departments until 12 o'clock, from 1:30 to 3:30 in the afternoon, and again from 7 until 10 o'clock Friday evening.

In the Department of Industrial Engineering, the machine shop will be in continuous operation during open house, making electric motors and drill presses. A demonstration in the sand testing laboratory, and an exhibi-

tion of pouring in the foundry will be a feature of Friday night.

The steam, hydraulic, and automotive laboratories of the Mechanical Engineering Department will be in continuous operation, and industrial and metal testing exhibitions will be held.

Other departments are sponsoring similar displays of their work.

At 4 o'clock Friday afternoon a parade of 15 floats led by the military band will be held. The parade will start in the rear of Brown Hall and will proceed around the oval to the rear of the Administration Building where the judging of the best float will be made. The following groups will enter floats: architect, ceramic, chemical, civil, electrical, industrial, mechanical, metallurgy, mining, Eta Kappa Nu, Tau Beta Pi, Texnikoi, freshmen engineers, and Triangle and Theta Tau fraternities.

Exhibits will be open again Saturday morning from 10 until 12 o'clock.

A dance at the Armory Saturday night from 9 to 12 will end the celebration.

Texnikoi, senior engineering honorary, will announce its selection of new members at the dance, and will hold its linking ceremony.

Three cups will be awarded at the dance, one for the winner of the debates held between five contesting departments during the winter quarter, one for the best of the departmental exhibits, and one for the float showing the most originality in depicting the work of its department.

The Engineers' Council has complete charge of all arrangements. Fred L. Vanosdall, president of the Council, has appointed the following committees: Open House, E. C. Hartman, R. B. Beetham, and C. W. Lafe; Parade, J. M. Cayford, E. S. Barrett, and C. H. Holmes; Dance, R. H. Crossley, W. R. Brown, A. E. Moser, R. H. Scott, H. J. Robinson and E. L. Krill; Initiation and Entertainment, C. R. Hope and J. D. Griffith; Awards, I. D. Carson and W. R. Scholz; Publicity, L. H. Mussman, L. E. Simeral, and C. L. Tilton.

As a part of the open house observed by the departments, the following exhibits will be placed on display in the various buildings of the Engineering College:

ARCHITECTURE—Exhibits of building models and student work in drawing—*Brown Hall, first floor.*

CERAMIC ENGINEERING—Exhibits and demonstrations on clays and clay body work, glazing, color-

ing, decoration and chemical and physical tests on ceramic ware; metal enamels, ceramic testing and research—*Lord Hall*.

CHEMICAL ENGINEERING—Fractional distillation apparatus, evaporators, crushing and grinding, filters, oil testing—*Chemistry Building, southeast wing*.

CIVIL ENGINEERING—Displays of surveying instruments, accurate transits, and student work—*Brown Hall, first floor*.

ELECTRICAL ENGINEERING—General display of electrical engineering processes and machinery; special demonstrations of Stroboscopic light, speech and music, high voltage phenomena, photoelectric control devices, visible speech, sound reproduction, Chromium plating, illumination—*Robinson Laboratory*.

INDUSTRIAL ENGINEERING—Machine shop in operation, foundry in operation with pouring of cast

iron, welding, display of student work—*Industrial Engineering Building*.

MECHANICAL ENGINEERING—Exhibits in steam laboratory on generators and steam engines, in hydraulic laboratory on water wheels and centrifugal fans, in automotive laboratory on chassis and motor block dynamometers, wind tunnel, testing of metals in tension—*Robinson Laboratory*.

METALLURGICAL ENGINEERING—Display of common alloys of the basic metals; demonstrations of laboratory methods in testing and classifying metals; lantern views of corpuscular structure of alloys; the microscope and associated apparatus—*Lord Hall*.

MINERALOGY DEPARTMENT—Exhibits of ores of metals, non-metallic minerals used in industry, precious and semi-precious gems and gem minerals, X-ray study of crystal structure, fluorescent minerals, petrographic microscope and rock sections—*Lord Hall, rooms 104 and 144*.

VISITORS—

The College of Engineering Welcomes You!



EMBURY A. HITCHCOCK

Dean, College of Engineering

In extending to you, our guests, a most cordial greeting, I can easily picture that for many it is your first visit but it will not be your last. Some will be so impressed with the College facilities, that is, the several buildings comprising the College of Engineering, the extent and magnitude of the equipment, and the different lines of engineering taught, you will be ready to "sign on the dotted line." You then will be on the way to join a most significant group, namely a company of over forty-eight hundred graduates in engineering which during the past fifty years has, by marked accomplishments, focused attention upon this University.

This College will welcome you if your ambition for success is backed by a willingness to put forth conscientious effort and do your "level best."

We, the students and faculty of the College of Engineering, are very glad to have you high school students with us on the occasion of the eighth biennial celebration of Engineers' Day. You are cordially invited to visit the class rooms and laboratories of the College so that you may see the fine equipment which the people of Ohio have placed in the State University. Should you wish to talk over your plans for continuing your education, you will find the professors available in their offices or you may come to the Dean's office which is in Room 120, Chemistry Building.



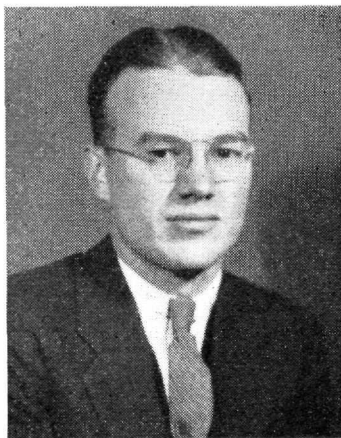
WILLIAM D. TURNBULL

Junior Dean, College of Engineering

We are indeed happy to welcome all our visitors to the Eighth Biennial Engineers' Day. We take pride in our school and we are glad to have you inspect our work and facilities.

It has been interesting and enjoyable to conceive and create the floats, exhibits, and demonstrations. We hope seeing them will be as interesting to you!

To our high school friends, may the events inspire you to greater heights of learning; to our relatives and friends, may you feel that your efforts for our education have not been in vain; and to all our visitors, may we have a closer mutual admiration for our great institution, the Ohio State University.



FRED L. VANOSDALL

President, Engineers' Council